



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

he Application of:

XIAODONG LI, ET AL.

Application No.: 09/837,337

Filed: April 17, 2001

For: MULTI-CARRIER COMMUNICATIONS

WITH GROUP-BASED SUBCARRIER

**ALLOCATION** 

Art Group: 2683

Examiner: Meless Zewdu

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## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

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The fee set in the amount of \$180.00 for submission of the Information Disclosure Statement is enclosed herewith. Please charge any additional fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully	submitted,
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Date: August 09, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application Number	09/837,337	
Filing Date	April 17, 2001	
First Named Inventor	Xiaodong Li	
Art Unit	2683	
Examiner Name	Meless Zewdu	
Attorney Docket Number	6887P004X	

		-	U.S. PATE	NT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Α	US-6,449,246	09-10-2002	Barton et al.	
	В	US-6,473,467	10-29-2002	Wallace et al.	DEOEN/E
	C	US-6,330,460	12-11-2001	Wong et al.	RECEIVED
	D	US-6,327,472	12-04-2001	Westroos et al.	
	Е	US-5,507,034	04-09-1996	Bodin et al.	AUG 1 2 2004
	F	US-6,141,565	10-31-2000		
	G	US-6,298,092	10-02-2001	Heath, Jr. et al.	echnology Center 260
	Н	US-5,774,808	06-30-1998	Sarkioja et al.	
	I	US-6,377,636	04-23-2002	Paulraj et al.	
	J	US-2003/0169681	09-11-2003	Li et al.	
	K	US-5,867,478	02-02-1999	Baum et al.	
	L	US-6,657,949	12-02-2003	Jones, IV et al.	
	M	US-6,307,851	10-23-2001	Jung et al.	
	N	US-5,280,630	01-18-1994	Wang	
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	1	Foreign Patent Document			Pages, Columns, Lines,	6
		Country Code³ - Number⁴ - Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	١,
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Examiner	Date	
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Examiner Name	Meless Zewdu	
Attorney Docket Number	6887P004X	

		NON PATENT LITERATURE DOCUMENTS
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	0	VITTORIA MIGNONE ET AL., "CD3-OFDM: A Novel Demodulation Scheme for Fixed and Mobile Receivers," IEEE Transactions on Communications, September 1996, pp. 1144-
		1151, Vol. 44, No. 9, IEEE. RECEIVED
		AUG 1 2 2004
		Technology Center 26
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